ES-1024B

24-port Unmanaged Rackmount Ethernet Switch

Easy and Efficient Fast Ethernet Connectivity for SMB

- 24 autosensing 10/100 full duplex ports
- Full wire-speed store-and-forward technology support
- Auto-MDI/MDI-X functions support

Benefits

Better Performance and Efficiency
The full range of Rackmount Unmanaged Ethernet Switch, with 16/24-ports, is designed to boost your network with better performance and efficiency. With the N-Way auto-negotiation function, the ES-1016B/1024B connects the network counterparts with the highest possible network speed and activates duplex mode automatically.

Transmission Reliability
Unlike shared 10/100Mbps networks, the ZyXEL Rackmount Ethernet Switch series, the ES-1016B/1024B, eliminates congestion by providing dedicated bandwidth. Its duplex mode doubles the effective bandwidth by enabling two-way communications. Store-and-forward service brings low latency and error-free packet delivering. The plug-and-play and multiple network protocol compatibility of ES-1016B/1024B make the installation and management easier and faster than ever.

Industrial Size Fits Your Working Environment
The 19" size fits into your rack environment due to included rack mount brackets. No matter how intensive your network demands, ZyXEL's 16/24-port rackmount unmanaged Ethernet switch support your needs with an affordable and reliable network solution designed especially for Small office and Medium business.

Specification

Standards

- IEEE802.3 10BASE-T Ethernet
- IEEE802.3u 100BASE-TX Fast Ethernet
- ANSI/IEEE802.3 Auto-negotiation
- IEEE802.3x Flow Control

Data Transfer Rates

- Ethernet 10M/20Mbps (half/full duplex)
- Fast Ethernet 100M/200M (half/full duplex)

Interface

- 24 10/100BASE-T Ethernet ports

<u>Network Cables</u>

- 10BASE-T: UTP Cat.3, 4, 5 (100 max.) EIA/TIA-586 100-ohm STP (100 max.)
- 100BASE-TX: UTP Cat.5 (100 m max.) EIA/TIA-568 100-ohm STP (100 max.)

<u>Media Interface Exchange</u>

- MDI-II/MDI-X auto-adjustment for each port

<u>System Requirement</u>

- Network card for each PC
- Network Cables

<u>Status LED</u>

- System : power
- Per Port : Link/Activity

<u>Back Plane</u>

- Non-Blocking full wire-speed forwarding rate: 4.8Gbps
- Packet Forwarding Rate
  - 14880PPS for 10BASE-T
  - 148800PPS for 100BASE-TX

<u>Switching Method: Store-and-forward</u>

- Data Buffer: 1.25Mb
- MAC Address Table: 8K entries

<u>Power Requirement</u>

- Power supply: 100 - 240VAC 50/60Hz internal universal power supply, 3.3V 4A

<u>Power consumption</u>

- 7.26W (max)

<u>Environment Specification</u>

- Operating temperature: $0^{o}C$~$50^{o}C$($32^{o}C$ to $122^{o}C$)
- Operating humidity: 10% to 90% (Non-condensing)

<u>Physical Specification</u>

- Dimensions: 444.5 x 130 x 42 (W x D x H) mm
- Weight: 1370g

<u>Certification</u>

- FCC Class A
- CE
- C-Tick